

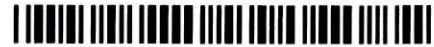


Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D5528-1

Job Sheet 173823



Part No: D5528-1

Job Qty: 10 ea

Part Name: Tubing



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/7/18

Job Tracking No:

Due Date: 3/12/18

Created By: Michelle Gagnon-Donovan

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 17.04.25 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	10 pcs		3/12/18	0.00	0.00	Purchasing		AT 18/03/18
110	Packaging	10 pcs		3/12/18	0.00	0.00	Packaging2		AT 18/03/18
120	QC	10 pcs		3/12/18	0.00	0.00	QC6		11 MAR 12 2018
130	Packaging	10 pcs		3/12/18	0.00	0.00	Packaging3-2	5609	9-89 MAR 13 2018
140	QC21-SA	10 Ea		3/12/18	0.00	0.00	QC21		DAS 21 MAR 14 2018 9-89 MAR 08 2018

Part Op 110 - Receive & Inspect for Damage & Mat'l Certs
 Descriptions: 120 - QC6- All purchased or subcontracted products
 130 - Identify as per dwg & Stock Location: _____
 140 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
6519T14	Tubing	10 ft (1 ea)	100-Purchasing	
P/O: 39238 MAR 07 2018				

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	6519T14	10	50	0

Part Specifications

Specifications could not be found.

Plex 3/7/18 1:22 PM Dart.Gagnon.Michelle



Tubing

PART NO: D5528 - 1
Serial No/Batch: S050367
Revision:
Operation: Packaging
Change No:

Mfg Date: 03/12/18
Job No: 173823

SHOP COPY

RETURN TO
ENGINEERING

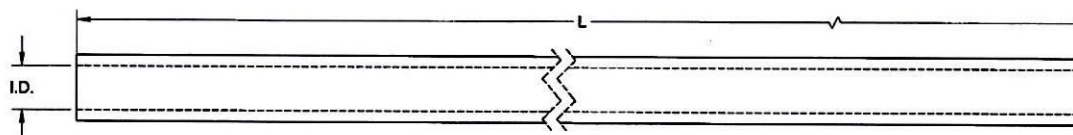
UNCONTROLLED COPY
SUBJECT TO AMENDMENT

WITHOUT NOTICE
WORK ORDER

NO. 173823 *mt*

MAR 07 2018

SPECIFICATION CONTROL DRAWING



D5528-X TUBING, PVC

DART PN	DESCRIPTION	MANUFACTURER	MANUFACTURER PN	VENDOR	VENDOR PN	MATERIAL	I.D. (INCHES)	L (FEET)	COLOUR
D5528-1	TUBING	SAINT-GOBAIN CORPORATION	TYGON VERSILON SE200	MCMaster-CARR	6519T14	PVC TUBING	3/8	10	CLEAR

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

RELEASED
2017-05-16
ECW 17-511 *On*

APPROVED

A	NEW ISSUE	WK	17.03.29
REV.	DESCRIPTION	BY	DATE
DESIGN	WK	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	WK	DRAWING NO. REV. A	
CHECKED	VS	D5528 SHEET 1 OF 1	
MFG. APPR.	LL	TITLE SCALE	
APPROVED	HS	TUBING, PVC NTS	
DE APPR.	DS	DATE 17.03.29	
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039238

Supplier: MCM001-VU
McMaster-Carr Supply Co.
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO039238

PO Date: 3/7/18

Due Date: 3/12/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
MAR 08 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	92311A639 2617327	D2747	SS Set Screw	Firmed	3/12/18	250 pcs	0 pcs	250 pcs	\$0.626/pcs	\$156.50
2	91525A120 26173732		washer : AS PER DWG D3456 REV.A	Firmed	3/12/18	50 pcs	0 pcs	50 pcs	\$0.232/pcs	\$11.60
3	92311A564 26173733	D3533-1	Set Screw	Firmed	3/12/18	200 pcs	0 pcs	200 pcs	\$0.2374/pcs	\$47.48
4	6541K38 26173824	250528-1	Ear Clamp receive pcs	Firmed	3/12/18	25 Ea	0 Ea	25 Ea	\$0.3832/Ea	\$9.58
5	6519T14 26173823	D5528-1	Tubing 10 pcs of 10 ft long	Firmed	3/12/18	10 Ea	0 Ea	10 Ea	\$48.20/Ea	\$482.00
6	98378A909	1/pk	Perforator Pin .129" X 2-1/2"	Firmed	3/12/18	12 Ea	0 Ea	12 Ea	\$5.92/Ea	\$71.04
7	188-FPSS- 1/4 20-3/8	92313A535 25/pk	Set Screw	Firmed	3/9/18	50 Ea	0 Ea	50 Ea	\$0.1628/Ea	\$8.14
Line Item Note please ship item overnight fed ex on acct: 151793240										
8	91292A127	50/pk	Socket Head Cap Screw, M5 x 0.8mm x 18mm receive ea	Firmed	3/12/18	50 Ea	0 Ea	50 Ea	\$0.528/Ea	\$26.40
9	90327A157	25/pk	Socket Head Cap Screw M8 x 1.25 x 20mm receive ea	Firmed	3/12/18	25 Ea	0 Ea	25 Ea	\$0.0812/Ea	\$2.03
10	90128A249	100/pk	Socket Head Cap Screw M5 x 0.8 x 25mm receive ea	Firmed	3/12/18	100 Ea	0 Ea	100 Ea	\$0.0812/Ea	\$8.12
11	92005A218	100/pk	Pan Head Screw M4 x 0.7 x 8mm receive ea	Firmed	3/12/18	100 Ea	0 Ea	100 Ea	\$0.0812/Ea	\$8.12
12	23065A504	SIZE: 0.3070"	Plug No-Go Gauge receive ea	Firmed	3/12/18	6 Ea	0 Ea	6 Ea	\$3.89/Ea	\$23.34

Plex 3/8/18 11:27 AM dart.lavoie.chanta

PURCHASE ORDER

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
13	35355T26	1/pk	Anchor Shackle	Firmed	3/12/18	6 Ea	0 Ea 6x	6 Ea AT 18/03/12	\$9.28/Ea	\$55.68
14	35685T55	1/pk	D-Shackle w/Elongated Body	Firmed	3/12/18	6 Ea	0 Ea 6x	6 Ea AT 18/03/12	\$12.01/Ea	\$72.06
15	3440T55	50 ft	Lifting Cable	Firmed	3/12/18	50 Ea	0 Ea 50x	50 Ea AT 18/03/12	\$1.34/Ea	\$67.00
16	3494T12		Lifting Thimble receive ea	Firmed	3/12/18	40 Ea	0 Ea 40x	40 Ea AT 18/03/12	\$0.66/Ea	\$26.40
17	3755T17	2/pk	Lifting Oval Sleeve receive ea	Firmed	3/12/18	30 Ea	0 Ea 30x	30 Ea AT 18/03/12	\$4.065/Ea	\$121.95
18	8948T12		Welded Master Link receive ea	Firmed	3/12/18	4 Ea	0 Ea 4x	4 Ea AT 18/03/12	\$75.65/Ea	\$302.60
19	9657K393	6/pk	Compression Spring	Firmed	3/12/18	12 Ea	0 Ea 12x	12 Ea AT 18/03/12	\$1.156666/Ea	\$13.88
20	98750A317	1/pk	All Thread receive ea	Firmed	3/12/18	20 Ea	0 Ea 20x	20 Ea AT 18/03/12	\$2.58/Ea	\$51.60
21	92196A345	10/pk	Socket Head Cap Screw receive ea	Firmed	3/12/18	200 Ea	0 Ea 200x	200 Ea AT 18/03/12	\$0.715/Ea	\$143.00
22	50715K677 JLS 17380 15370-1	50715K832	Flared Tube Fitting SS	Firmed	3/12/18	20 Ea	0 Ea 20x	20 Ea AT 18/03/12	\$10.05/Ea	\$201.00
23	7856K77	25 ft	Heat Shrink Tubing Color Black	Firmed	3/12/18	25 pcs	0 pcs 25x	25 pcs AT 18/03/12	\$1.0496/pcs	\$26.24
24	90177A218	50/pk	Split Ring Zinc-Plated Steel Split Ring 1" OD, 13/16" ID, 1/8" Thick	Firmed	3/12/18	50 Ea	0 Ea 50x	50 Ea AT 18/03/12	\$0.2452/Ea	\$12.26
25	90174A113	25/pk	Retaining Pin	Firmed	3/12/18	50 Ea	0 Ea 50x	50 Ea AT 18/03/12	\$0.2756/Ea	\$13.78
26	94975A162	1/pk	Quick Release Pin Quick Release Pin W/Lanyard	Firmed	3/12/18	12 Ea	0 Ea 12x	12 Ea AT 18/03/12	\$4.49/Ea	\$53.88
27	90272A189	50/pk	Machine Screw screw 8-32/3/16" long	Firmed	3/12/18	50 Ea	0 Ea 50x	50 Ea AT 18/03/12	\$0.0608/Ea	\$3.04
Grand Total:										\$2,018.72

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/8/18 11:27 AM dart.lavoie.chanba



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO039238
Order Placed By
Chantal Lavoie

McMaster-Carr Number
8348265-03

Page 1 of 2

03/08/2018

Line	Product	Ordered	Shipped
4	6541K38 Vibration-Resistant Zinc-Plated Steel Double Pinch Clamps, 31/64" to 19/32" ID, for Firm Hose and Tube, Packs of 25	1 Pack	1
5	6519T14 Ultra-Chemical-Resistant Versilon PVC Tubing, 3/8" ID, 9/16" OD	100 Feet	100
7	91292A127 18-8 Stainless Steel Socket Head Screw, M5 x 0.8 mm Thread, 18 mm Long, Packs of 50	1 Pack	1
8	90327A157 Alloy Steel Low-Profile Socket Head Screws, Zinc-Plated, M8 x 1.25 mm Thread Pitch, 20 mm Long, Packs of 25	1 Pack	1
10	92005A218 Steel Pan Head Phillips Screw, M4 x 0.7 mm Thread, 8 mm Long, Packs of 100	1 Pack	1
11	23065A504 Class Z Plug No-Go Gauge, 0.307" Size	6 Each	6
12	35355T26 Screw-Pin Shackle - Not for Lifting, 3/8" Thick	6 Each	6
13	35685T55 Screw-Pin Elongated Shackle - Not for Lifting, 3/8" Thick	6 Each	6
14	3440T55 Wire Rope - for Lifting, 3/16" Diameter, 50' Length	50 Feet	50
15	3494T12 Medium Duty Wire Rope Thimble - Not for Lifting, Zinc-Plated Steel, for 3/16" Rope Diameter	40 Each	40
16	3755T17 Wire Rope Compression Sleeve - for Lifting for Stainless Steel and Steel Rope, 18-8 Stainless Steel, for 3/16" Rope Diameter, Packs of 2	15 Packs	15
17	8948T12 Oblong Link Assembly- for Lifting, Grade 80, for 7/32 Chain Trade Size	4 Each	4
18	9657K393 Compression Spring, Zinc-Plated, Music-Wire, Closed & Flat End, 2" Long, 0.374" ID, Packs of 6	2 Packs	2
19	98750A317 Grade B7 Medium-Strength Steel Threaded Rod, 3/4"-10 Thread Size, 6" Long	20 Each	20
21	50715K832 37 Degree Flared Fitting for Stainless Steel Tubing, Straight Adapter for 3/8" Tube OD, 9/16"-18 UNF Male	20 Each	20
22	7856K77 Heat-Shrink Tubing, 25 Feet Long, 0.5" ID Before Shrinking, Black	1 Each	1
23	90177A218 Zinc-Plated Steel Split Rings, 1" OD, 13/16" ID, 1/8" Thick, Packs of 50	1 Pack	1
24	90174A113 Zinc-Plated Steel Coiled Bent-Wire Locking Pins, 1/16" Diameter, 1-1/16" Usable Length, Packs of 25	2 Packs	2

DAS
11
9-89